Ashwin Ramaswami

Engineering

Eventive
Software Engineering Consultant (June 2019 – Present)
Architected and implemented a system for ingesting and serving both livestream and video content, with DRM protection, using Azure Media Services.

Google
Software Engineering Intern (June 2019 – Sep 2019)
Worked with the Search UI Optimization team to develop a system to detect regressions in latency metrics on the Google search results page.

NCR Corporation
Software Engineering Intern (June – Aug 2018)
Built REST APIs for the NCR Platform and adapters between payment systems using Java and Spring.

Open Source

react-jsonschema-form
Maintainer (Jan 2019 – Present)
Maintaining react-jsonschema-form, an open-source library that provides a React component for building Web forms from JSON Schema.

Chinmaya Forms Framework (CFF)
Maintainer (Aug 2017 – Present)
Architected and maintaining an open-source forms framework handling registrations and payments from centers around the world in the US and India. Uses Azure Cosmos DB, AWS Lambda, and React.

Contact

Email: aramaswamis@gmail.com
Github: https://github.com/epicfaace
LinkedIn: http://linkedin.com/in/ashwin-r

Education

Stanford University
B.S. Computer Science (2017 – 2021)

Research

Stanford Internet Observatory
Research Assistant (April 2020 – Present)
Working on web scraping technologies and infrastructure to support disinformation research at the Observatory. Built pipelines using Apache Beam and Google Cloud Platform.

Center for International Security and Cooperation
Research Assistant (Oct 2019 – March 2020)
Researched AI and its effects on strategic stability and nuclear deterrence, specifically around changes in situational awareness capabilities.

CodaLab Worksheets
Research Assistant (Jun 2019 – Present)
Developing a platform that helps run machine learning and other programs in a reproducible, shareable way.

Stanford Immigration and Policy Lab
Research Assistant (Jan 2018 – Sep 2019)
Designed and developed a web app that uses an ML algorithm to allow case agents at refugee resettlement agencies receive recommendations about where to assign refugees to. Used Django and R.

Publications

Signature Verification and Mail Ballots: Guaranteeing Access While Preserving Integrity

Recommendations for the Facebook Content Review Board

Interactive programming paradigm for real-time experimentation with remote living matter

Leadership

The Stanford Daily
Chief Technical Officer (2018 – 2019, Jan 2020 – Present)
As the first CTO of the Stanford Daily, I established a team to work on software engineering and developed training materials for new members on the team.

TreeHacks
Organizer (June 2018 – Present)
Built and open-sourced an application portal and hackathon management system.